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January 30, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Utility Patent Application
Application No. 10/615,798
Filed: July 10, 2003
**THIN FILM TRANSISTOR ARRAY PANEL INCLUDING STORAGE
ELECTRODE**
Inventors: Yu-Ri SONG, *et al.*
Our Ref.: 6192.0301.US

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Request for Corrected Notice of Recordation;
2. A marked-up copy of the Notice of Recordation indicating the requested correction in red ink;
3. A copy of both the Recordation Cover Sheet and the Assignment document for the above-referenced matter, filed with the U.S. Patent and Trademark Office on July 10, 2003;
4. A copy of the date-stamped postcard for the above-referenced matter, evidencing the filing of both the Recordation Cover Sheet and the Assignment document with the U.S. Patent and Trademark Office on July 10, 2003; and
5. Two acknowledgement postcards.

It is respectfully requested that the attached copy of the postcard be stamped with the filing date of these documents and returned to our courier.

U.S. Patent and Trademark Office

January 30, 2004

Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-1951 referencing docket number 6192.0301.US.

Respectfully submitted,



Hae-Chan Park
Reg. No. 50,114

HCP/bjb
Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Yu-Ri SONG, *et. al.*

Serial No.: 10/615,798

Confirmation No.: 1921

Filed: July 10, 2003



Docket No.: 6192.0301.US

Group Art Unit: 2811

Examiner: Unassigned

**For: THIN FILM TRANSISTOR ARRAY PANEL INCLUDING STORAGE
ELECTRODE**

Mail Stop: Box Assignment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED NOTICE OF RECORDATION

Sir:

The undersigned respectfully requests a corrected Notice of Recordation for the above-identified patent application. In particular, it is requested that the Assignor's name "YOUNG-WOO PARK" be changed to - - YONG-WOO PARK - - as reflected in the attached copies of both the Recordation Cover Sheet and the Assignment document. Also attached is a copy of a date-stamped postcard, evidencing the filing of both the Recordation Cover Sheet and the Assignment document with the U.S. Patent and Trademark Office on July 10, 2003.

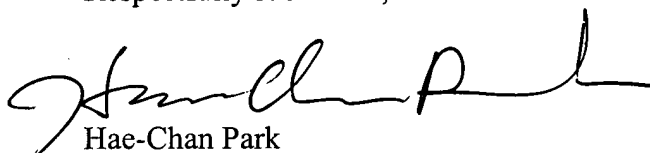
Also attached is a copy of the Notice of Recordation for the above-identified patent application, with the requested correction marked in red ink.

Since the Assignor's name was correctly shown on both the Recordation Cover Sheet and the Assignment document, issuance of a corrected Notice of Recordation is in order. Since this error was due to the Patent and Trademark Office, no fee is submitted herewith.

Yu-Ri SONG, *et. al.*
Serial No.: 10/615,798

Please charge any deficiencies and credit any overpayments to attorney's deposit account
no. 23-1951.

Respectfully submitted,

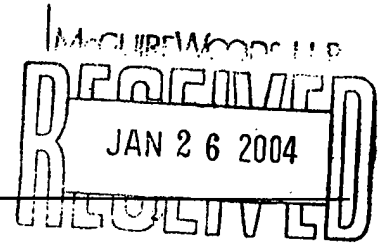
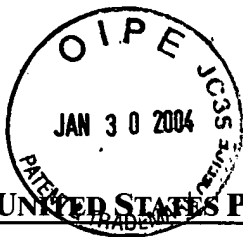
A handwritten signature in black ink, appearing to read 'Hae-Chan Park', written over the printed name.

Hae-Chan Park
Registration No.: 50,114

Date: January 30, 2004

McGuireWoods LLP
1750 Tysons Boulevard, Suite 1800
McLean, VA 22102
(703) 712-5000

\\COM\386815.1



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 21, 2004

PTAS



102504323A

MCGUIREWOODS LLP
HAE-CHAN PARK, ESQ.
1750 TYSONS BOULEVARD
SUITE 1800
MCLEAN, VIRGINIA 22102

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/10/2003

REEL/FRAME: 014272/0481
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SONG, YU-RI

DOC DATE: 07/04/2003

ASSIGNOR:
PARK, ~~WOON-YOUNG~~
WOON-YONG

DOC DATE: 07/04/2003

ASSIGNEE:
SAMSUNG ELECTRONICS CO., LTD.
416, MAETAN-DONG, PALDAL-KU
SUWON-CITY, KYUNGGI-DO
REPUBLIC
OF KOREA

SERIAL NUMBER: 10615798
PATENT NUMBER:

FILING DATE: 07/10/2003
ISSUE DATE:

014272/0481 PAGE 2

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Two acknowledgement postcards.

6. Claim for priority to:
Korean Patent Application No. 2002-40169 filed July 11, 2002;
Our Check No. 120127 for the amount of \$750.00 to cover the filing fee and our check no. 120126 for the amount of \$400.00 to cover the assignment fee; and

7. **Assignment of the right to the above inventions; and**

4. An executed Declaration and Power of Attorney;
5. A Form PTO-1595 Recordation Cover Sheet and a copy of the executed Assignment to Samsung Electronics Co., Ltd., a recordation of which is hereby respectfully requested;

Please place the Patent Office receipt stamp hereon to acknowledge receipt of the following:

1. A Transmittal Letter;
2. Utility Patent Application Transmittal Form;
3. A Specification containing 24 pages and 35 sheets of drawings (Figs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14A, 14B, 15, 16A, 16B, 17, 18A, 18B, 19, 20A, 20B, 21, 22A, 22B, 23, 24A, 24B, 25A, 25B, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 81

Commissioner for Patents

REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER

THIN FILM TRANSISTOR ARRAY PANEL
INCLUDING STORAGE ELECTRODE

Atty. Docket: 6192-0301.US

Examiner: _____

Group Art.: To Be Assigned

Date: July 10, 2003

Yu-Ri SONG, et al.

Inventors:

Serial No.: To Be Assigned

Group Art.: To Be Assigned

Filing Date: July 10, 2003

Examiner: To Be Assigned

For:
THIN FILM TRANSISTOR ARRAY PANEL

Atty. Jacks., 6192.0301.US

REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER

Commissioner for Patents

Please place the Patent Office receipt stamp hereon to acknowledge receipt of the following

1. A Transmittal Letter;
2. Utility Patent Application containing 35 sheets of drawings (Figs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14A, 14B, 15, 16A, 16B, 17, 18A, 18B, 19, 20A, 20B, 21, 22A, 22B, 23, 24A, 24B, 25A, 25B, 26, 27A, 27B, 28, 29A, and 29B);
4. An executed Declaration and Power of Attorney;
5. A Form PTO-1595 Recordation Cover Sheet and a copy of the executed Assignment to Samsung Electronics Co., Ltd., a recordation of which is hereby respectfully requested; _____
6. Claim of Priority to:
Korean Patent Application No. 2002-40169 filed July 11, 2002;
7. Our Check No. 120127 for the amount of \$750.00 to cover the filing fee and our check no. 120126 for the amount of \$40.00 to cover the assignment recordation fee; and
8. Two acknowledgment postcards.

Hae-Chan Park
 ation No. 50,114

HAND DELIVER

19249 U.S. PTO

10/615798



07/10/03

07-18-2003

FORM PTO-1595
1-31-92

102504323

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No.: 6192.0301.US

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents and copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Yu-Ri SONG Woon-Yong PARK</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <p>3. Nature of Conveyance</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: July 4, 2003</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Samsung Electronics Co., Ltd.</p> <p>Internal Address:</p> <p>Street Address: 416, Maetan-dong, Paldal-ku City: Suwon-city, Kyunggi-do State or Country: The Republic of KOREA</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
---	--

4. Application number(s) or patent number(s):

Title: **THIN FILM TRANSISTOR ARRAY PANEL INCLUDING STORAGE ELECTRODE**

If this document is being filed together with a new application, the execution date of the application is **July 4, 2003**

A. Patent Application No(s). filed on **10/615 798**

B. Patent No(s).


Additional numbers attached? ☐ Yes ☒ No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Hae-Chan Park, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number: 23-1951</p>
--	---

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Hae-Chan Park, Reg. No. 50,114
Name of Person Signing


Signature

July 10, 2003
Date

07/17/2003 DBYRME 00000147 10615798

01 FC:8021

40.00 OP

19949 U.S. PTO
10/615798
07/10/03

ASSIGNMENT OF INVENTION

WHEREAS, WE, SONG, Yu-Ri and PARK, Woon-Yong have invented certain new and useful improvements in

THIN FILM TRANSISTOR ARRAY PANEL INCLUDING STORAGE ELECTRODE
for which a patent application has been executed.

AND WHEREAS, Samsung Electronics Co., Ltd. having a principal place of business at 416, Maetan-dong, Paldal-ku, Suwon-city, Kyungki-do, KOREA, referred to as Assignee, is desirous of acquiring our interest in said invention and in any Letters Patent which may be granted therefor.

NOW THIS INDENTURE WITNESSETH, That for a valuable consideration, the receipt of which is hereby acknowledged, we hereby assign, sell and transfer unto the said assignee, the entire right, title and interest in and to inventions disclosed in said application and in and to any Letters Patent of the United States and in and to any Letters Patent or Inventor's Certificates of any and all foreign countries which may be granted therefor, and in and to any and all priority and/or Convention rights or benefits accruing or to accrue to me with respect to the filing or securing of patents in the United States and/or securing of patents or inventor's certificates in any and all countries foreign thereto.

AND WE hereby grant to assignee the right to apply in its own name for patents or inventor's certificates corresponding to the above invention in countries foreign to the United States.

AND WE hereby further agree to sign and properly execute such necessary and lawful papers for application for foreign patents and inventor's certificates for filing applications for United States, foreign patents and inventor's certificates for subdivisions of any applications for patent or inventor's certificate and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention and to perform such further acts as may be required to carry out the intent of this agreement as the assignee thereof shall hereafter require and prepare at assignee's expense.

Dated: July 4, 2003


Name: SONG, Yu-Ri

Dated: July 4, 2003

PARK, Woon-Yong
Name: PARK, Woon-Yong